

01263.001751



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
JEBU JACOB RAJAN	)	Examiner: H. Vo
Application No.: 09/866,595	)	Group Art Unit: 2655
Filed: May 30, 2001	)	Allowed: February 1, 2006
For: SPEECH PROCESSING SYSTEM	)	Confirmation No.: 4949
	)	February 27, 2006

**Mail Stop Issue Fee**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

THIRD REQUEST FOR CONSIDERATION OF PREVIOUSLY-FILED  
INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant received a Notice of Allowance and Fee(s) Due and a Notice of Allowability dated February 1, 2006 in the above-identified application. However, there is a matter that needs to be resolved before the application issues as a patent.

Applicant filed a Fourth Information Disclosure Statement (IDS) on March 23, 2004. However, Applicant has not yet received initialed copies of the Forms PTO-1449 submitted with that IDS, indicating that the Examiner considered the information cited therein.

Applicant made written requests for the initialed copies of the Forms PTO-1449 in the papers previously filed in the subject application on November 14, 2005 and May 16, 2005. However, Applicant has still not received the requested copies.

In a telephone conversation with Applicant's undersigned representative on February 23, 2006, the Examiner confirmed that, as shown on PAIR, the PTO's official file of the subject application includes the IDS filed on March 23, 2004 but not the Forms PTO-1449 or the cited references submitted therewith. Accordingly, in the telephone conversation, the Examiner requested that Applicant submit the instant paper, including copies of the missing items, and the Examiner agreed to consider the information cited therein upon his receipt of the same, and to send to Applicant initialed copies of the Forms PTO-1449.

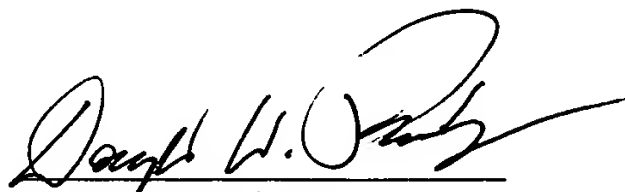
Accordingly, Applicant encloses herewith a complete copy of the IDS filed on March 23, 2004, including the Forms PTO-1449 (three sheets), the references cited therein (other than U.S. patents) and the seven foreign search reports noted therein, and the stamped receipt postcard indicating receipt of the same by the U. S. Patent and Trademark Office.

Applicant respectfully requests that the Examiner consider the information cited in the enclosed IDS, and return initialed copies of the enclosed Forms PTO-1449, indicating that the art cited therein has been considered.

It is noted that the enclosed IDS was originally timely filed on March 23, 2004, prior to the issuance of a first Office Action on the merits in the subject application.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Douglas W. Pinsky", written over a horizontal line.

Douglas W. Pinsky  
Attorney for Applicant  
Registration No. 46,994

FITZPATRICK, CELLA, HARPER & SCINTO  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date 03/23/04  
Mo. Day Yr.

Atty. Docket 026300181

Application No. 09/86695

Sir:

Kindly acknowledge receipt of the accompanying:

- ☐ Response to Official Action. \_\_\_\_\_
- ☐ Check for \$ \_\_\_\_\_ (claims fee) \_\_\_\_\_
- ☐ Petition under 37 CFR 1.136 and Check for \$ \_\_\_\_\_
- ☐ Notice of Appeal and Check for \$ \_\_\_\_\_
- ☒ Information Disclosure Statement, PTO-1449 and 7/2/04 (41) documents
- ☐ Claim for priority and certified copies of \_\_\_\_\_ priority applications
- ☐ Issue fee transmittal and Check for \$ \_\_\_\_\_

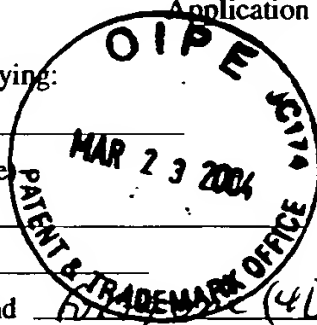
☒ Other (specify) Four (4) 11C Search Reports & Two (2) Open Search  
Reports  
by placing your receiving date stamp hereon and returning to deliverer.

Atty. M. Hukyr

Due Date 03/01/04  
Mo. Day Yr.

By Hukyr

FOHS-D-00



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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
Jebu Jacob Rajan	:	Examiner: H. Vo
Application No.: 09/866,595	)	
	:	Group Art Unit: 2655
Filed: May 30, 2001	)	
	:	
For: SPEECH PROCESSING SYSTEM	)	March 23, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FOURTH INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, Applicant directs the Examiner's attention to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

Four United Kingdom Search Reports (dated January 2, 2002, February 1, 2002, February 6, 2002, July 31, 2002, and August 1, 2002) and two European Search Reports (dated November 27, 2003 and December 23, 2003) from related applications, which cite some of the listed documents, are enclosed for the Examiner's convenient reference.

JP 2001/044926 relates to measuring communication quality of a mobile communication system. An English language abstract is enclosed as a concise statement of the relevance of this document.

Applicant would like to note that the article "Bayesian Approach to Parameter Estimation and Interpolation of Time-varying Autoregressive Processes Using the Gibbs Sampler," cited in the EP Search Reports, was previously cited in this application in the

Information Disclosure Statement filed on May 22, 2002. A copy of the article was submitted with that Statement.

Applicant also notes that GB 2 361 339 A is equivalent to WO 00/45375.

#### FORMAL MATTERS

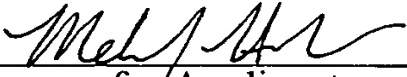
In accordance with 37 C.F.R. § 1.97(b), since a first Official Action on the merits of the subject application has not yet been issued, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is believed to be required. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed.

#### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned, indicating that such information has been considered.

Applicant's undersigned attorney may be reached in Washington, D.C. by telephone at (202) 530-1010. All correspondence should continue to be directed to the address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicant  
Melody H. Wu  
Registration No. 52,376

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
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MHW:ayr  
160338 v 1

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date: March 23, 2004

ATTY DOCKET NO.  
01263.001751APPLICANT  
JEBU JACOB RAJANFILING DATE  
May 30, 2001APPLICATION NO.  
09/866,595GROUP  
2655

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,386,237	05/31/1983	Virupaksha et al.	179	15.55 R	
	4,905,286	02/27/1990	Sedgwick et al.	381	43	
	5,012,518	04/30/1991	Liu et al.	381	42	
	5,432,884	07/11/1995	Kapanen et al.	395	2.37	
	5,884,269	03/16/1999	Cellier et al.	704	501	
	6,134,518	10/17/2000	Cohen et al.	704	201	
	6,226,613 B1	05/01/2001	Turin	704	256	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
GB 2 137 052 A	09/26/1984	Great Britain			In English
WO 92/22891	12/23/1992	PCT			In English
EP 0 554 083 A2	08/04/1993	Europe			In English
EP 0 631 402 A2	12/28/1994	Europe			In English

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

Srinivasan, et al., "Query Expansion for Imperfect Speech: Applications in Distributed Learning," Proc. IEEE Workshop on Content-Based Access of Image and Video Libraries, 2000, pp. 50-54

Couvreur, et al., "Wavelet-based Non-Parametric HMM's: Theory and Applications," Proc. International Conference Acoustics, Speech and Signal Processing, Istanbul, Vol. 1, June 5-9, 2000, pp. 604-607

Hopgood, et al., "Bayesian Single Channel Blind Deconvolution Using Parametric Signal and Channel Models," Proc. IEEE Workshop on Applications of Signal Processing to Audio and Acoustics, New Paltz, NY, October 17-20, 1999, pp. 151-154

Andrieu, et al., "Bayesian Blind Marginal Separation of Convolutively Mixed Discrete Sources," IEEE Proc., 1998, pp. 43-52

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  Date: March 23, 2004		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           ATTY DOCKET NO.  <b>01263.001751</b> </td> <td style="width: 50%;">           APPLICATION NO.  <b>09/866,595</b> </td> </tr> <tr> <td colspan="2">           APPLICANT  <b>JEBU JACOB RAJA</b> </td> </tr> <tr> <td>           FILING DATE  <b>May 30, 2001</b> </td> <td>           GROUP  <b>2655</b> </td> </tr> </table>		ATTY DOCKET NO. <b>01263.001751</b>	APPLICATION NO. <b>09/866,595</b>	APPLICANT <b>JEBU JACOB RAJA</b>		FILING DATE <b>May 30, 2001</b>	GROUP <b>2655</b>
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FOREIGN PATENT DOCUMENTS

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	EP 0 674 306 A2	09/27/1995	Europe			In English
	WO 98/38631	09/03/1998	PCT			In English
	GB 2 332 054 A	06/09/1999	Great Britain			In English
	GB 2 332 055 A	06/09/1999	Great Britain			In English
	WO 99/28760	06/10/1999	PCT			In English
	WO 99/28761	06/10/1999	PCT			In English
	EP 0 952 589 A2	10/27/1999	Europe			In English
	WO 99/64887	12/16/1999	PCT			In English
	WO 00/11650	03/02/2000	PCT			In English
	EP 0 996 112 A2	04/26/2000	Europe			In English
	WO 00/38179	06/29/2000	PCT			In English
	GB 2 345 967 A	07/26/2000	Great Britain			In English
	EP 1 022 583 A2	07/26/2000	Europe			In English

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


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	WO 00/45375	08/03/2000	PCT			In English
	WO 00/54168	09/14/2000	PCT			In English
	GB 2 349 717 A	11/08/2000	Great Britain			In English
	JP 2001/044926	02/16/2001	Japan			Abstract
	GB 2 356 106 A	05/09/2001	Great Britain			In English
	GB 2 356 107 A	05/09/2001	Great Britain			In English
	GB 2 356 313 A	05/16/2001	Great Britain			In English
	GB 2 356 314 A	05/16/2001	Great Britain			In English
	GB 2 360 670 A	09/26/2001	Great Britain			In English
	GB 2 361 339 A	10/17/2001	Great Britain			In English
	EP 1 160 768 A2	12/05/2001	Europe			In English
	GB 2 363 557 A	12/19/2001	Great Britain			In English
	EP 1 034 441 B1	04/02/2003	Europe			In English
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